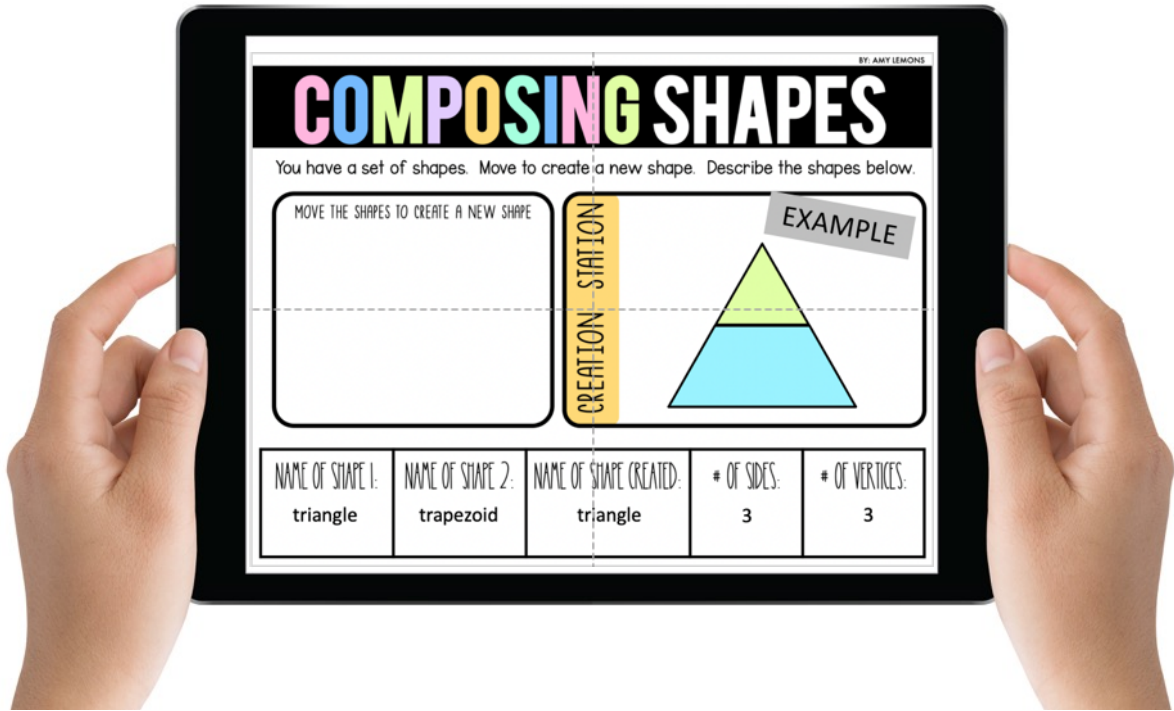


Digital Math Activities for 2D & 3D SHAPES

POWER POINT, SEESAW, TM & GOOGLE SLIDES TM

MADE BY: AMY LEMONS



4 digital activities for geometry:

- Composing Shapes (2D)
- Describing 2D Shapes
- Which Does Not Belong (3D)
- Looking at 3D Shapes


Digital Math Activities for 2D & 3D SHAPES

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WHICH DOES NOT BELONG?

Four objects. Three objects are the same shape. One is not. Move the X to the shape that does not belong. Type the names of the shapes.



POINT THE X TO COVER THE SHAPE THAT DOES NOT BELONG.

NAME OF THE SHAPES THAT BELONG: **cube**

NAME OF THE SHAPE THAT DOES NOT BELONG:


3D Shapes Which Does N...

COMPOSING SHAPE

Give a set of shapes. Move to create a new shape. Describe the shape.

NAME OF SHAPES TO CREATE A NEW SHAPE:

CREATION STATION




EXAMPLE

NAME OF SHAPE 1: NAME OF SHAPE 2: NAME OF SHAPE CREATED: OF SIDES: OF

Composing Shapes

DESCRIBING SHAPE

Look at the shape. Type the name. Move the stars to cover the vertices. Count the sides. Move the numbers to show how many sides and vertices.



NAME: circle

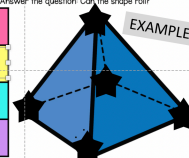
NUMBER OF SIDES: **0**

NUMBER OF VERTICES: **0**

Describing Shapes

LOOKING AT 3D SHAPES

Look at the shape. Move to name the shape. Move the stars to cover the vertices. Count the vertices. Count the edges. Answer the question. Can the shape roll?



EXAMPLE

SHAPE	PYRAMID
NUMBER OF VERTICES	5
NUMBER OF EDGES	8
CAN THE SHAPE ROLL?	NO

CONE SPHERE CUBE CYLINDER TETRAHEDRON TRIANGLE RECTANGULAR PRISM

Looking At 3D Shapes

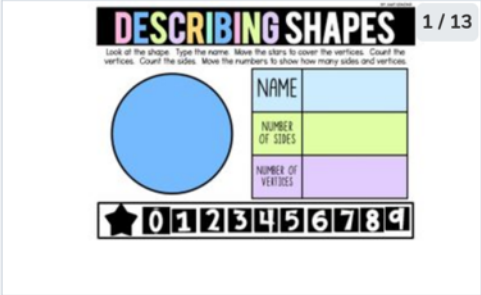
uploaded for use in:

• **GOOGLE**TM

Digital Math Activities for 2D & 3D SHAPES

POWER POINT, SEESAW,™ & GOOGLE SLIDES™

MADE BY: AMY LEMONS




DESCRIBING SHAPES 1 / 13

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	
NUMBER OF SIDES	
NUMBER OF VERTICES	

★ 0 1 2 3 4 5 6 7 8 9

Students will edit this template



Watch the video for an example of how to complete the activity.

Compatible with: Chromebooks, computers, iPads, iPhones, Android tablets, Android phones, Kindle Fire

Assign...

preloaded to use in:

• SEESAW™

Digital Math Activities for 2D & 3D SHAPES

POWER POINT, SEESAW, TM & GOOGLE SLIDES TM

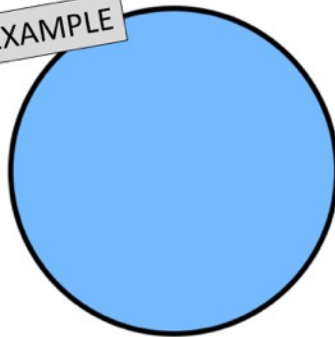
MADE BY: AMY LEMONS

BY: AMY LEMONS

DESCRIBING SHAPES

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

EXAMPLE



NAME	circle
NUMBER OF SIDES	0
NUMBER OF VERTICES	0



students respond with

- MOVABLE PARTS AND/OR TEXT BOXES

COMPOSING SHAPES

You have a set of shapes. Move to create a new shape. Describe the shapes below.

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You have a set of shapes. Move to create a new shape. Describe the shapes below.

MOVE THE SHAPES TO CREATE A NEW SHAPE

CREATION STATION

EXAMPLE



NAME OF SHAPE 1:	NAME OF SHAPE 2:	NAME OF SHAPE CREATED:	# OF SIDES:	# OF VERTICES:
triangle	trapezoid	triangle	3	3

COMPOSING SHAPES

You have a set of shapes. Move to create a new shape. Describe the shapes below.

MOVE THE SHAPES TO CREATE A NEW SHAPE

CREATION STATION



MOVE THE SHAPES TO CREATE A NEW SHAPE

CREATION STATION



STUDENTS MOVE THE SHAPES TO COMPOSE A NEW SHAPE. STUDENTS DESCRIBE THE SHAPES USED AND THE SHAPE CREATED BY TYPING IN THE TEXT BOXES.

DESCRIBING SHAPES

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	

DESCRIBING SHAPES

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	

DESCRIBING SHAPES

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	

DESCRIBING SHAPES

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	

NAME THE FRACTION

What name of the fraction shown? Show it in two ways.

1/5

MOVE THE NUMBERS TO CREATE THE FRACTION.

1 5

DESCRIBING SHAPES

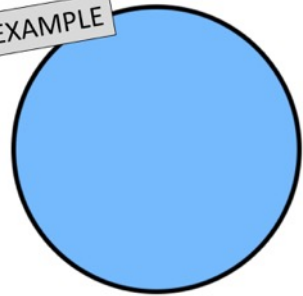
Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	

DESCRIBING SHAPES

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

EXAMPLE



NAME	circle
NUMBER OF SIDES	0
NUMBER OF VERTICES	0

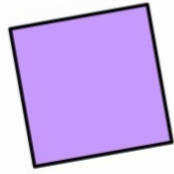
★ 0 1 2 3 4 5 6 7 8 9

★ 0 1 2 3 4 5

DESCRIBING SHAPES

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	



4 5 6 7 8 9

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	

DESCRIBING SHAPES

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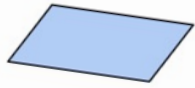


NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	

DESCRIBING SHAPES

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	



5 6 7 8 9

DESCRIBING SHAPES

Look at the shape. Type the name. Move the stars to cover the vertices. Count the vertices. Count the sides. Move the numbers to show how many sides and vertices.

NAME	type
NUMBER OF SIDES	
NUMBER OF VERTICES	

STUDENTS TYPE THE NAME OF THE SHAPE. THEY MOVE STARS TO COVER THE VERTICES. STUDENTS COUNT VERTICES AND LINES. STUDENTS MOVE NUMBERS TO DESCRIBE THE ATTRIBUTES.

WHICH DOES NOT BELONG?

Look at the four objects. Three objects are the same shape. One is not. Move the X to cover the shape that does not belong. Type the names of the shapes.



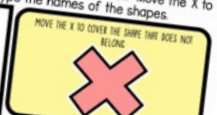
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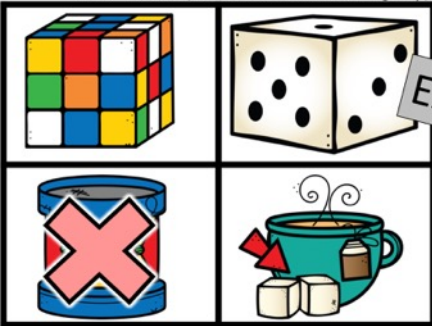
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MOVE THE X TO COVER THE SHAPE THAT DOES NOT BELONG

EXAMPLE

NAME OF THE SHAPES THAT BELONG
cube

NAME OF THE SHAPE THAT DOES NOT BELONG
cylinder

3D SHAPE WORD BANK:
sphere cube cone pyramid
rectangular prism triangular prism cylinder

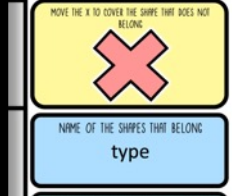
WHICH DOES NOT BELONG?

Look at the four objects. Three objects are the same shape. One is not. Move the X to cover the shape that does not belong. Type the names of the shapes.



3D SHAPE WORD BANK:
sphere cube cone pyramid
rectangular prism triangular prism cylinder

NAME OF THE SHAPES THAT BELONG
type



NAME OF THE SHAPES THAT BELONG
type

NAME OF THE SHAPE THAT DOES NOT BELONG
type

WHICH DOES NOT BELONG?

Look at the four objects. Three objects are the same shape. One is not. Move the X to cover the shape that does not belong. Type the names of the shapes.



NAME OF THE SHAPES THAT BELONG
type

NAME OF THE SHAPE THAT DOES NOT BELONG
type

WHICH DOES NOT BELONG?

Look at the four objects. Three objects are the same shape. One is not. Move the X to cover the shape that does not belong. Type the names of the shapes.



NAME OF THE SHAPES THAT BELONG
type

NAME OF THE SHAPE THAT DOES NOT BELONG
type

WHICH DOES NOT BELONG? STUDENTS MOVE THE X TO THE SHAPE THAT DOES NOT BELONG. TYPE THE NAMES OF THE SHAPES THAT DO BELONG. TYPE THE NAME OF THE SHAPE THAT DOES NOT BELONG

LOOKING AT 3D SHAPES

Look at the shape. Move to name the shape. Move the stars to cover the vertices. Count the vertices. Count the edges. Answer the question: Can the shape roll?

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LOOKING AT 3D SHAPES

Look at the shape. Move to name the shape. Move the stars to cover the vertices. Count the vertices. Count the edges. Answer the question: Can the shape roll?

SHAPE	type
NUMBER OF VERTICES	type
NUMBER OF EDGES	type
CAN THE SHAPE ROLL?	type

LOOKING AT 3D SHAPES

Look at the shape. Move to name the shape. Move the stars to cover the vertices. Count the vertices. Count the edges. Answer the question: Can the shape roll?

SHAPE	type
NUMBER OF VERTICES	type
NUMBER OF EDGES	type
CAN THE SHAPE ROLL?	type

LOOKING AT 3D SHAPES

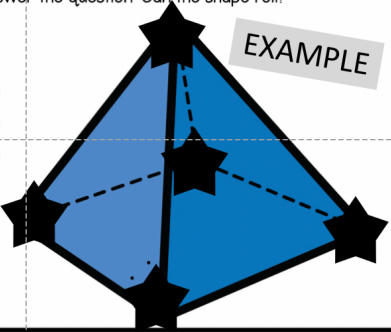
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SHAPE	type
NUMBER OF VERTICES	type
NUMBER OF EDGES	type
CAN THE SHAPE ROLL?	type

LOOKING AT 3D SHAPES

Look at the shape. Move to name the shape. Move the stars to cover the vertices. Count the vertices. Count the edges. Answer the question: Can the shape roll?

SHAPE	PYRAMID
NUMBER OF VERTICES	5
NUMBER OF EDGES	8
CAN THE SHAPE ROLL?	NO



- CONE
- SPHERE
- CUBE
- CYLINDER
- TRIANGULAR PRISM
- RECTANGULAR PRISM
- ★

LOOKING AT 3D SHAPES

Look at the net of the shape. What shape could be made if the net was folded to the box. Count to see how many faces the shape has. Type the number.

WHICH SHAPE IS SHOWN?

OF FACES: type

SHAPES OF FACES: type



Look at the net of the shape. What shape could be made if the net was folded to the box. Count to see how many faces the shape has. Type the number.

WHICH SHAPE IS SHOWN?

OF FACES: type

SHAPES OF FACES: type



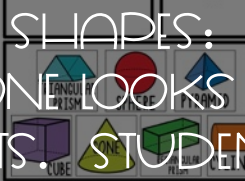
LOOKING AT 3D SHAPES

Look at the net of the shape. What shape could be made if the net was folded to the box. Count to see how many faces the shape has. Type the number.

WHICH SHAPE IS SHOWN?

OF FACES: type

SHAPES OF FACES: type



Look at the net of the shape. What shape could be made if the net was folded to the box. Count to see how many faces the shape has. Type the number.

WHICH SHAPE IS SHOWN?

OF FACES: type

SHAPES OF FACES: type



LOOKING AT 3D SHAPES: THERE ARE 2 SECTIONS FOR THIS ACTIVITY. ONE LOOKS AT 3D SHAPES. ONE LOOKS AT 3D SHAPE NETS. STUDENTS MOVE NAME OF SHAPE. STUDENTS TYPE ATTRIBUTES.